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**(54) NOX REDUCING METHOD**

**(57) Abstract:**

**PURPOSE:** To achieve the catalytic decomposition of NO<sub>x</sub>, by bringing a catalyst formed by supporting a platinum group element by perovskite type composite oxide into contact with NO<sub>x</sub>-containing gas at 800W1,000°C under an inert atmosphere.

or more of cobalt are supported by perovskite type composite oxid represented by ABO<sub>3</sub> (wherein an A-site is La or Sr and a B-site is Fe, Co or Mn) to obtain a catalyst. This catalyst is brought into contact with NO<sub>x</sub>-containing gas at 800W1,000°C under an inert atmosphere or a reductive atmosphere. By this method, the reduction of NO<sub>x</sub> is achieved.

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**CONSTITUTION:** 0.1wt% or more of platinum and 0.1wt%